

LIMITED ONE YEAR WARRANTY

Chaney Instrument Company warrants that all products it manufactures to be of good material and workmanship and to be free of defects if properly installed and operated for a period of one year from date of purchase. REMEDY FOR BREACH OF THIS WARRANTY IS EXPRESSLY LIMITED TO REPAIR OR REPLACEMENT OF DEFECTIVE ITEMS. Any product which, under normal use and service, is proven to breach the warranty contained herein within ONE YEAR from date of sale will, upon examination by Chaney, and at its sole option, be repaired or replaced by Chaney. In all cases, transportation costs and charges for returned goods shall be paid for by the purchaser. Chaney hereby disclaims all responsibility for such transportation costs and charges. This warranty will not be breached, and Chaney will give no credit for products it manufactures which shall have received normal wear and tear, been damaged, tampered, abused, improperly installed, damaged in shipping, or repaired or altered by others than authorized representatives of Chaney.

THE ABOVE-DESCRIBED WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, AND ALL OTHER WARRANTIES ARE HEREBY EXPRESSLY DISCLAIMED, INCLUDING WITHOUT LIMITATION THE IMPLIED WARRANTY OF MERCHANTABILITY AND THE IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE. CHANEY EXPRESSLY DISCLAIMS ALL LIABILITY FOR SPECIAL, CONSEQUENTIAL OR INCIDENTAL DAMAGES, WHETHER ARISING IN TORT OR BY CONTRACT FROM ANY BREACH OF THIS WARRANTY. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU. CHANEY FURTHER DISCLAIMS ALL LIABILITY FROM PERSONAL INJURY RELATING TO ITS PRODUCTS TO THE EXTENT PERMITTED BY LAW. BY ACCEPTANCE OF ANY OF CHANEY'S EQUIPMENT OR PRODUCTS, THE PURCHASER ASSUMES ALL LIABILITY FOR THE CONSEQUENCES ARISING FROM THEIR USE OR MISUSE. NO PERSON, FIRM OR CORPORATION IS AUTHORIZED TO ASSUME FOR CHANEY ANY OTHER LIABILITY IN CONNECTION WITH THE SALE OF ITS PRODUCTS. FURTHERMORE, NO PERSON, FIRM OR CORPORATION IS AUTHORIZED TO MODIFY OR WAIVE THE TERMS OF THIS PARAGRAPH, AND THE PRECEDING PARAGRAPH, UNLESS DONE IN WRITING AND SIGNED BY A DULY AUTHORIZED AGENT OF CHANEY. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE.

For in-warranty repair, please contact:

Customer Care Department
Chaney Instrument Company
965 Wells Street
Lake Geneva, WI 53147

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions:

- 1- This device may NOT cause harmful interference, and
- 2- This device must accept any interference received, including interference that may cause undesired operation.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, There is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

NOTE: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user authority to operate the equipment.

Patent numbers: 5,978,738; 6,076,044; 6,597,990; US 7,637,141 B2

01088 INST 080411

ACU-RITE®
DESIGNED TO WORK FOR YOU™



Weather Station
With jumbo weather ticker display
model #01088

Instruction Manual

Introduction

The AcuRite® Weather Station with wireless outdoor sensor collects outside weather data and sends it wirelessly to the Display Unit via a low-power radio frequency. This weather station has been designed to be easy to install and use.

The sleek display unit houses a liquid crystal display (LCD) which will calculate and display all the weather data received from the wireless sensor outside. The display unit features sensors for measuring indoor temperature and humidity. The Display Unit is powered with three "AA" alkaline batteries (not included).

The wireless outdoor sensor is completely wireless and contains sensors for measuring outdoor temperature and humidity. The wireless outdoor sensor is powered with two "AA" alkaline or lithium batteries (not included).

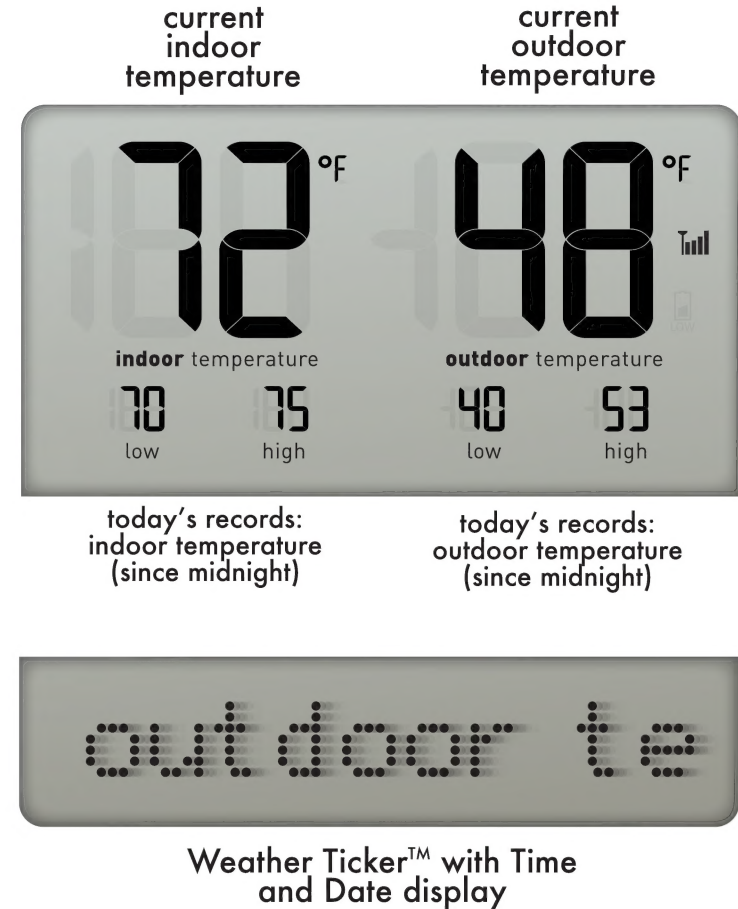
The Weather Ticker™ display area will display the date and time, as well as extra weather details that are relevant to the current and upcoming conditions. The weather ticker will display the weather forecast, indoor and outdoor humidity, moon phase, heat index, dew point, and various record information.

Please read through this manual to learn more about the AcuRite® Thermometer. Keep this manual for future reference.

Parts List model #01088

1. Display Unit
2. Wireless outdoor sensor

Display Features



PRODUCT REGISTRATION

To receive product updates and information, Go to

www.AcuRite.com

SUPPORT

Support Forum

Archived Products

► Register a Product

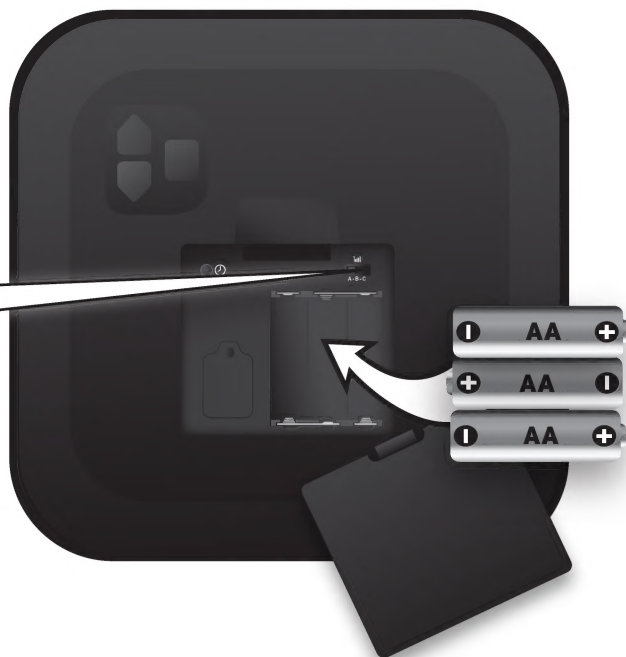
Installing Batteries - Display Console

Remove the battery compartment cover. Install 3 fresh "AA" batteries as shown here.

NOTICE!



SWITCH SELECTION
MUST MATCH
WIRELESS SENSOR
SWITCH SELECTION



Installing Batteries - Wireless Sensor

Remove the battery compartment cover. Install 2 fresh "AA" batteries as shown here.

**BATTERIES MUST BE
INSTALLED FOR THE
SENSOR TO OPERATE**

NOTICE!



SWITCH SELECTION
MUST MATCH
DISPLAY UNIT
SWITCH SELECTION



About the Self Setting Intelli-Time® Clock

Your new weather station is equipped with Intelli-Time® technology which is pre-programmed with the correct time and date. Intelli-Time® technology instructs the clock to set itself once batteries are installed. All you need to do is select your Time Zone and Daylight Saving Time preferences. The clock will automatically set itself and change automatically for Daylight Saving Time.

Display Console : Quick Setup

To begin using your weather station, you need to select your time zone. Press the time zone button located in the battery compartment repeatedly until your local time zone is shown on the alphanumeric ticker display.

Display Console : Manual Setup

Press and hold the "SET" button for 5 SECONDS to enter set mode. To adjust the selected (flashing) preference item, press the "▲" or "▼" buttons.

To save your adjustments, press the "SET" button again to move on to adjusting the next preference. The preference set order is as follows:

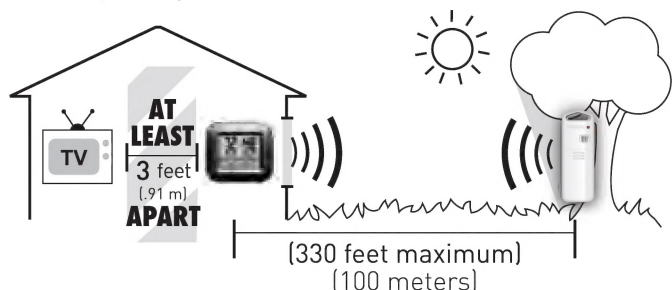
LANGUAGE (english, french, spanish)
TICKER SPEED (slow, normal, fast)
TIME ZONE (PST MST CST EST AST HAST AKST)
DST (Daylight Saving Time ON or OFF*)
CLOCK HOUR
CLOCK MINUTE
CALENDAR MONTH
CALENDAR DATE
CALENDAR YEAR
UNITS (english, metric)

You will automatically exit SET MODE if no entries are changed for 30 seconds.

*Some areas do not observe Daylight Saving Time (DST), and should turn DST "OFF" to prevent any automatic time changes.

Now that setup is complete, you must choose a location to place the wireless sensor and the display unit. The wireless sensor **MUST** be placed less than 330 feet (100 meters) away from the display unit.

This wireless forecaster uses radio frequency for communication, which is susceptible to interference from other electronic devices and large metallic items or thick walls. Always place both units at least 3 feet (.91 m) away from appliances (TV, microwave, radios, etc.) or objects that may interfere with the wireless communication (large metal surfaces, thick stone walls, etc.).



Placement of Display Unit

Place the display unit in a dry area free of dirt and dust. To help ensure an accurate indoor temperature measurement, be sure to place the display unit out of direct sunlight, and away from any heat sources or vents in your home. There are 2 placement options for the display unit. You may hang the display unit on a wall using the integrated hang hole. Alternatively, you may place the display unit on a table top or other flat surface using the integrated fold-out table top display stand.

Placement of Sensor

The wireless sensor **MUST BE PLACED OUTDOORS** to observe outdoor temperatures. The wireless sensor must be placed less than 330 feet (100 meters) from the display unit. The wireless sensor is water resistant and is designed for general outdoor use. However, to extend the life of the product, place the wireless sensor in an area protected from direct weather elements. To ensure an accurate outdoor temperature measurement, be sure the wireless sensor is placed out of direct sunlight and away from any heat sources.

There are 2 placement options for the wireless sensor. You may hang it using one of the two integrated hang holes, or use string (not included) to hang it from a suitable location like a well covered tree branch.

Weather Ticker™

The WEATHER TICKER™ is a scrolling text area at the bottom of the main console display. This area will automatically display an array of relevant messages, like extra weather details and records.



- FORECAST= a text readout of the 12-24 hour future forecast
- BAROMETRIC PRESSURE
- MOON PHASE= the current moon phase
- INDOOR HUMIDITY
- INDOOR TEMPERATURE
- OUTDOOR HUMIDITY
- HEAT INDEX
- DEW POINT
- INDOOR COMFORT= dry, OK or humid
- OUTDOOR HIGH's and LOW's (day, week, month)
- TIME & DATE
- BATTERY LOW WARNINGS

You may also **MANUALLY** cycle through all the available weather ticker messages by pressing the "▲" button at any time.

Lows and Highs

Below the indoor temperature/outdoor temperature displays, there is a daily low and high value. These will automatically clear out at midnight each night. To manually clear the high values, press and hold the "▲" button. To manually clear the low values, press and hold the "▼" button.



Problem	Possible Solution(s)
<p>Bad Wireless Sensor Reception</p> <p> no bars</p>	<p>Relocate the main unit and/or the wireless sensor. Both units must be within 330 feet (100 meters) from each other. Make sure both units are placed at least 3 feet (.91 m) from other electronic appliances and devices that may interfere with the wireless communication (such as TV's, microwaves, computers etc). NOTE: It may take up to 20 minutes for the main unit to re-synchronize with the sensor when batteries are replaced. Use lithium batteries in sensor when temperature is below -4°F (-20°C). Make sure the A-B-C switch selection in the battery compartments of the display unit and sensor match.</p>
<p>Display Console Screen Not Working</p>	<p>Batteries may need replacing. Check that batteries are correctly installed. Reset the display unit and wireless sensor.</p>
<p> reset</p>	<p>NOTICE: The display may fail to start properly due to static discharge. Press the reset button located on the back of the display unit to reset the entire unit. Please note that all of the date and time information will need to be entered manually after a reset.</p>

PRODUCT REGISTRATION

To receive product updates and information, Go to **www.AcuRite.com**



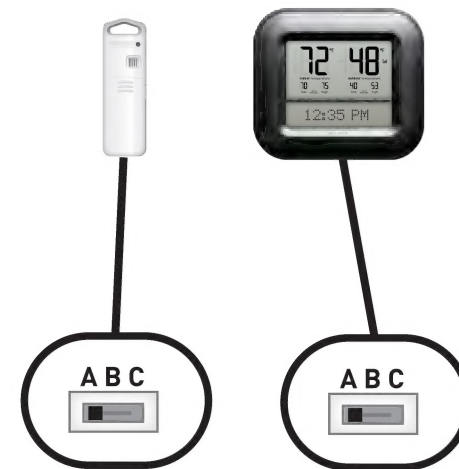
Please DO NOT return product to the retail store. For technical assistance and product return information, please call Customer Care: **877-221-1252** Mon. - Fri. 7:00 A.M. to 7:00 P.M. (CST)

Set Wireless I.D.

This wireless thermometer uses long range 433mhz radio frequency for communication.

In the event that you have reception problems due to interference, both the main unit and the wireless sensor have a selectable wireless ID. The ID switches are located within the battery compartments of the display console and the integrated wireless sensor.

You may choose A, B or C; but both the main unit and the wireless sensor ID's must match for successful synchronization.



Both wireless ID switches must match

IMPORTANT NOTICE

Have questions about product setup or operation? We're here to help!

24/7 Support: www.acurite.com

- › Product Setup & Demo Videos
- › Product Manuals
- › Frequently Asked Questions
- › Register your Product
- › Support Forum
- › Submit Feedback & Ideas

EMAIL:
info@chaney-inst.com

TOLL FREE:
(877) 221-1252
7:00 a.m. - 7:00 p.m. CST

1-Year Warranty
Don't forget! Register your product at: www.acurite.com

About Atmospheric Pressure

Atmospheric Pressure is defined as the pressure at any location on the Earth, caused by the weight of the column of air above it. At sea level, atmospheric pressure has an average value of one atmosphere and gradually decreases as altitude increases. Also called barometric pressure.

The weight of the air mass, or atmosphere, that envelopes Earth exerts pressure on all points of the planet's surface. Meteorologists use barometers to measure this atmospheric pressure (also called barometric pressure). At sea level the atmospheric pressure is approximately 1 kilogram per square centimeter (14.7 pounds per square inch), which will cause a column of mercury in a mercury barometer to rise 760 millimeters (30.4 inches). Subtle variations in atmospheric pressure greatly affect the weather. Low pressure generally brings rain. In areas of low air pressure, the air is less dense and relatively warm, which causes it to rise. The expanding and rising air naturally cools, and the water vapor in the air condenses, forming clouds and the drops that fall as rain. In high pressure areas, conversely, the air is dense and relatively cool, which causes it to sink. The water vapor in the sinking air does not condense, leaving the skies sunny and clear.

Product Facts

Batteries: 5 x "AA" (not included)

Lithium Batteries Recommended in
Outdoor Sensor if temperatures are
below -4°F

Measurement Ranges

Outdoor Temperature: **-40°F to 158°F**
-40°C to 70°C

Outdoor Humidity: **1% to 99%**

Indoor Temperature: **32°F to 122°F**
0°C to 50°C

Indoor Humidity: **16% to 98%**

Wireless Range: 330 ft / 100 m MAX

Depending on home construction materials

MADE IN CHINA
HECHO EN CHINA

Limited One
Year Warranty
Instructions &
Warranty Enclosed

Customer Care:
877-221-1252

Patent numbers: 5,978,738; 6,076,044; 6,597,990; US 7,637,141 B2
ACURITE® is a registered trademark of the Chaney Instrument Co.
965 Wells St. • Lake Geneva, WI 53147



PLEASE DISPOSE OF OLD OR DEFECTIVE BATTERIES IN AN ENVIRONMENTALLY SAFE WAY AND IN ACCORDANCE WITH YOUR LOCAL LAWS AND REGULATIONS.

BATTERY SAFETY: Clean the battery contacts and also those of the device prior to battery installation. Remove batteries from equipment which is not to be used for an extended period of time. Follow the polarity (+/-) diagram in the battery compartment. Promptly remove dead batteries from the device. Dispose of used batteries properly. Only batteries of the same or equivalent type as recommended are to be used. DO NOT incinerate used batteries. DO NOT dispose of batteries in fire, as batteries may explode or leak. DO NOT mix old and new batteries or types of batteries (alkaline/standard). DO NOT use rechargeable batteries. DO NOT recharge non-rechargeable batteries. DO NOT short-circuit the supply terminals.